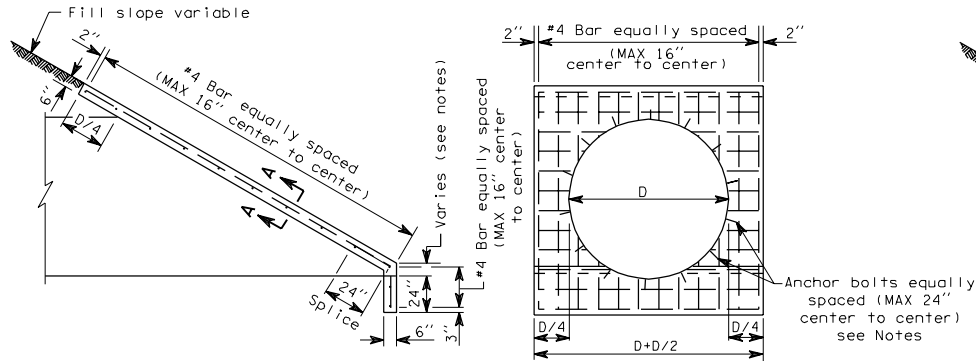
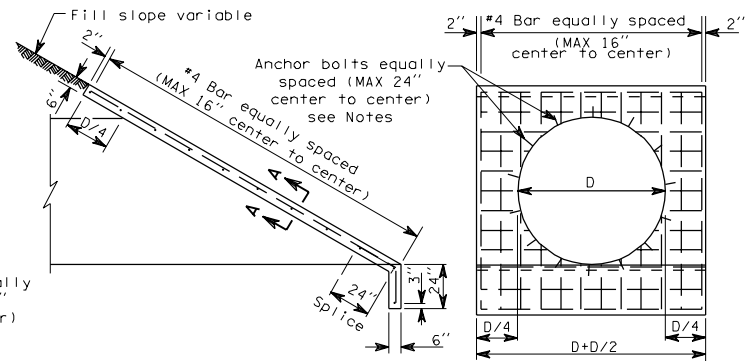


## STRUCTURAL PLATE PIPE ARCHES AND UNDERPASSES



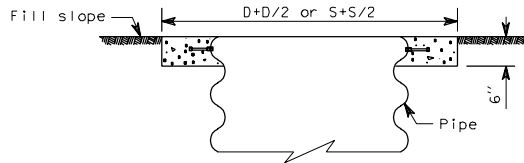
STEP MITERED PIPE



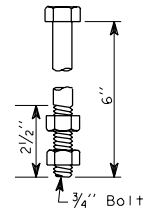
FULL MITERED PIPE

## PIPES AND STRUCTURAL PLATE PIPES

## HEADWALLS FOR CULVERT PIPES



SECTION A-A



ANCHOR BOLT DETAILS

## NOTES

1. The variable dimension indicated for the height of step for step mitered pipes shall conform to manufacturers recommendations unless specified differently on the plans or in the special provisions.
2. Reinforcing steel shall have 1/2" clear cover to all concrete surfaces.
3. Headwalls for concrete culvert pipe may omit anchor bolt attachment.
4. When steel pipe safety bars are used, headwall thickness shall be increased to 8".